

6541030-8 29260

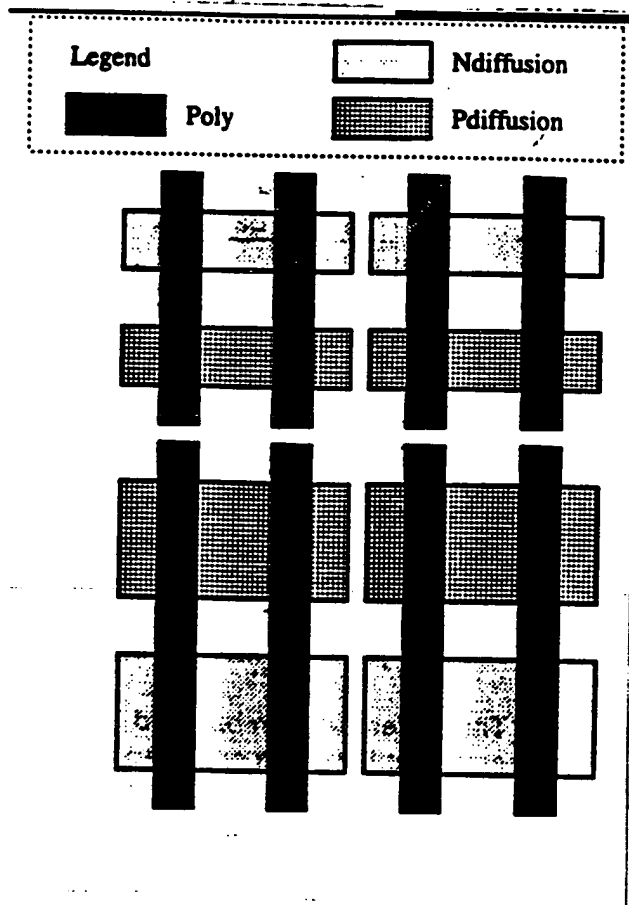
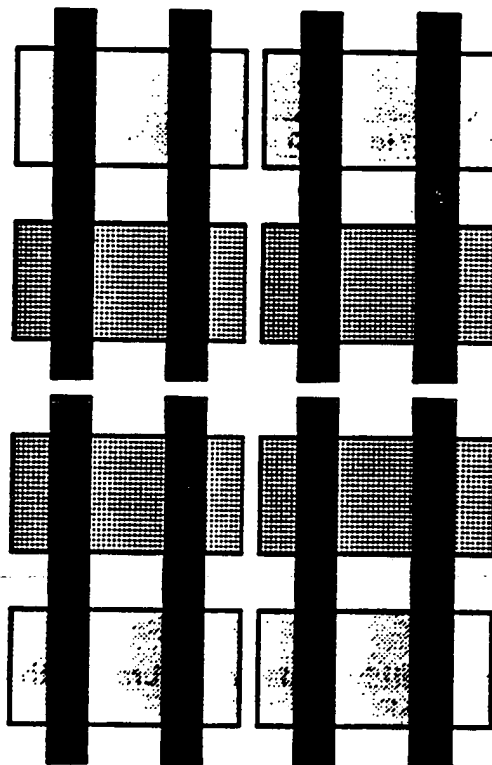
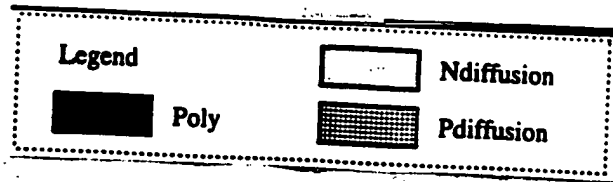


FIG. 1

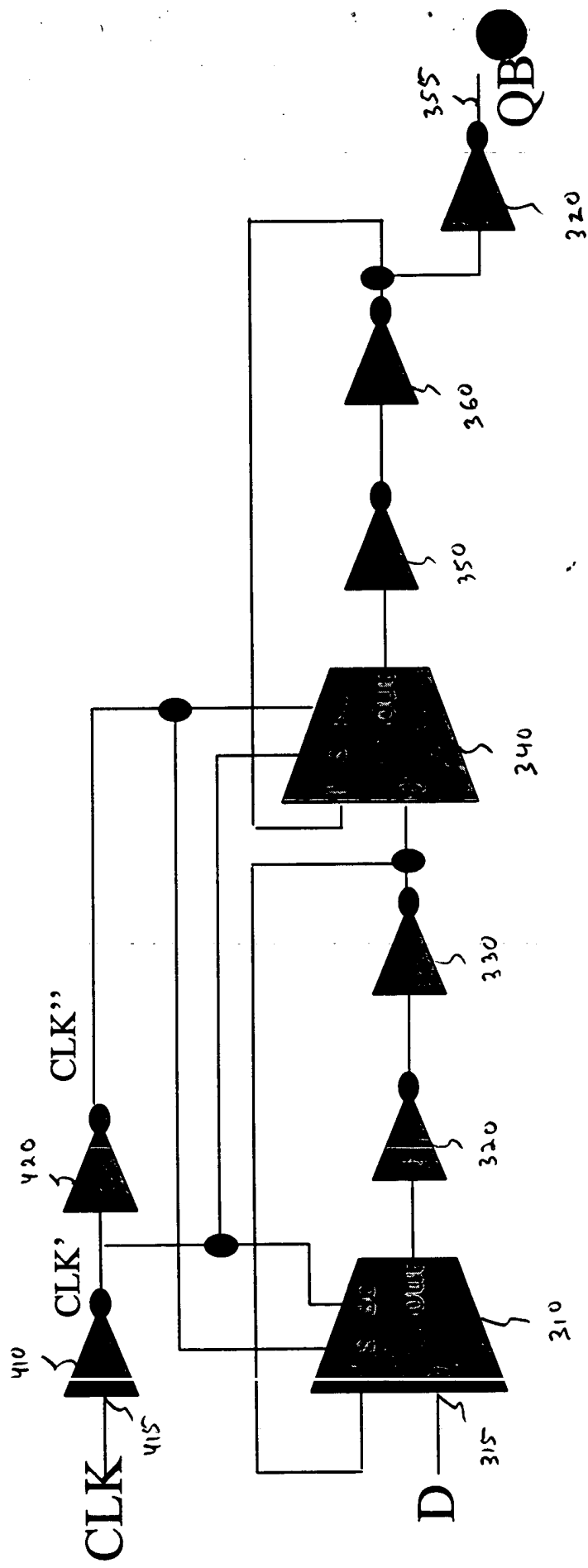
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Traditional Approach

FIG. 2

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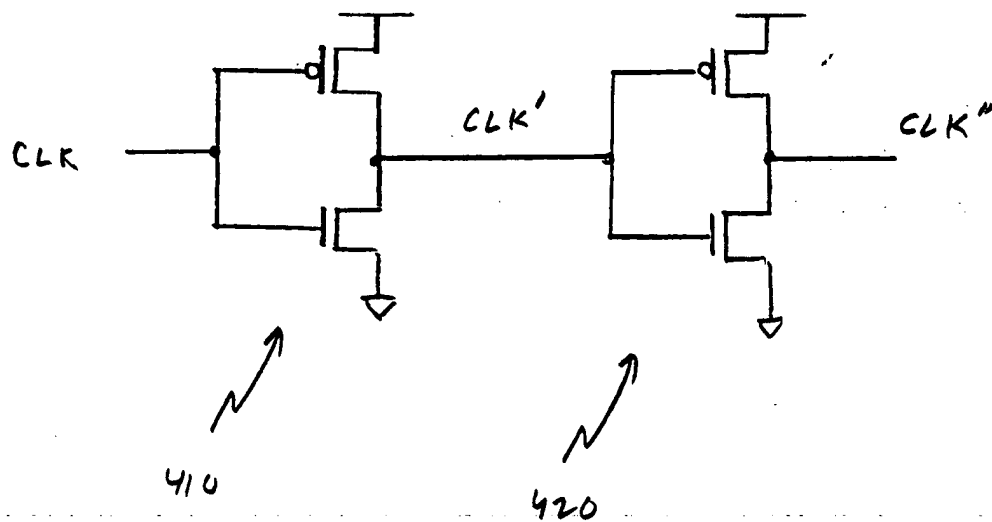


FIG. 4

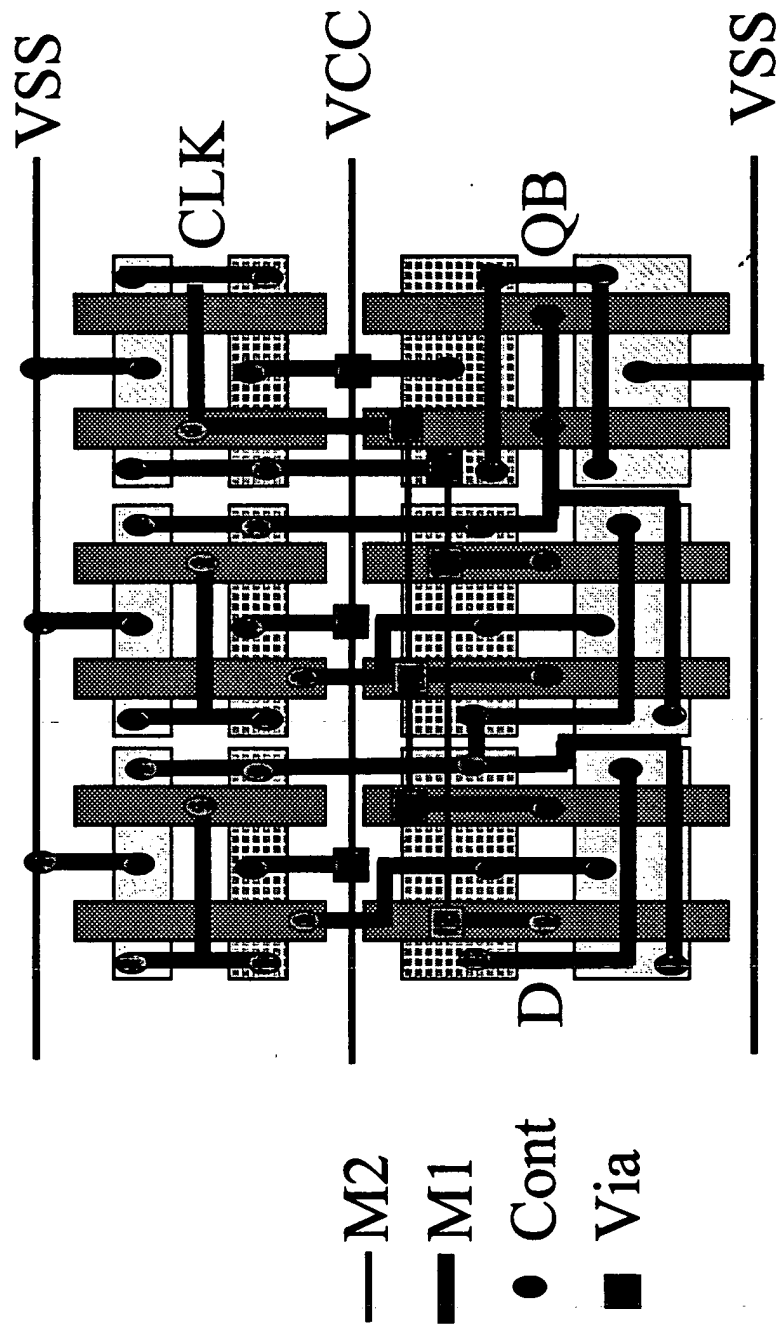


FIG. 5

Table 1

Name	Clock Pin Power	Notes
Capacitance Improved	0.06 pJ	FIG. 2
Si Arc	0.13 pJ	Si Arc CBA
Traditional	0.15 pJ	FIG. 2

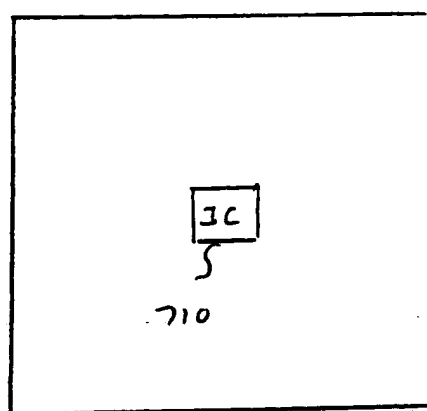
pJ = pico Joules

FIG. 6

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6640ED-81 59260

6640ED-8442220



700

FIG. 7

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